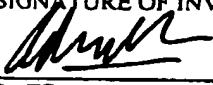
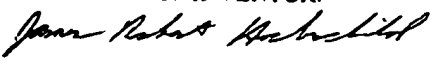


ATTORNEY'S DOCKET NO.
TI-36585

APPLICATION FOR UNITED STATES PATENT
DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I declare that my residence, post office address and citizenship are as stated below next to my name; that I verily believe that I am the original, first and sole inventor if only one name is listed below, or an original, first and joint inventor if plural inventors are named below, of the subject matter which is claimed and for which a patent is sought on the invention entitled as set forth below, which is described in the attached specification; that I have reviewed and understand the contents of the specification, including the claims, as amended by any amendment specifically referred to in the oath or declaration; that no application for patent or inventor's certificate on this invention has been filed by me or my legal representatives or assigns in any country foreign to the United States of America; and that I acknowledge my duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, section 1.56(a);

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

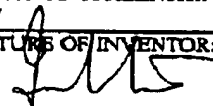
TITLE OF INVENTION:			Method and Circuit for Reducing Quantizer Input/Output Swing in a Sigma-Delta Modulator		
POWER OF ATTORNEY:			I HEREBY APPOINT THE FOLLOWING ATTORNEYS TO PROSECUTE THIS APPLICATION AND TRANSACT ALL BUSINESS IN THE PATENT AND TRADEMARK OFFICE CONNECTED THEREWITH Customer Number: 23494		
SEND CORRESPONDENCE TO: Dan Swayze Texas Instruments Incorporated P. O. Box 655474, M/S 3999 Dallas, Texas 75265			DIRECT TELEPHONE CALLS TO: Dan Swayze 972-917-5633		
NAME OF INVENTOR: (1) Wern Ming Koe	NAME OF INVENTOR: (2) Franco Maloberti	NAME OF INVENTOR: (3) James Robert Hochschild			
RESIDENCE (City and State Only) Dallas, Texas	RESIDENCE (City and State Only) Plano, Texas	RESIDENCE (City and State Only) Plano, Texas			
POST OFFICE ADDRESS 7421 Frankford Rd., #2021 Dallas, TX 75252	POST OFFICE ADDRESS 3800 Pebble Creek, #920 Plano, TX 75023	POST OFFICE ADDRESS 2617 Mariposa Cir. Plano, TX 75075			
COUNTRY OF CITIZENSHIP: MALAYSIA	COUNTRY OF CITIZENSHIP: ITALY	COUNTRY OF CITIZENSHIP: USA			
SIGNATURE OF INVENTOR: 	SIGNATURE OF INVENTOR:	SIGNATURE OF INVENTOR: 			
DATE: 01/28/04	DATE:	DATE: 1/28/04			

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COUNTRY OF CITIZENSHIP: MALAYSIA	COUNTRY OF CITIZENSHIP: ITALY	COUNTRY OF CITIZENSHIP: USA	
SIGNATURE OF INVENTOR:	SIGNATURE OF INVENTOR: 	SIGNATURE OF INVENTOR:	
DATE:	DATE: 01/28/04	DATE:	